

1   **ABSTRACT**

2           A wireless repeater with a diverse communications interface capability  
3   and the method of managing the same, in which the wireless repeater is prepared  
4   with multiple wireless/mobile communications system drivers and can switch to  
5   an appropriate system driver to match the target system, that may only support a  
6   particular version of wireless communications protocols, running on a remote  
7   personal communications device, a mobile communications system, or a WLAN  
8   for establishing bi-directional communication between the personal computing  
9   device and the target system. Further, the wireless repeater can also be operated  
10   with a net phone (VoIP), and support infra-red transmission. Thus, the present  
11   invention accomplishes the goals of integrating a computer and a  
12   communications device under one system, reducing user's telephone rates and  
13   increasing system mobility.